

ENVIRONMENTAL PROTECTION AGENCY REGION 1
PRELIMINARY ASSESSMENT DECISION RECORD FY 87

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
RI	D069857514

II. SITE NAME AND LOCATION	
01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Pontiac Enterprises, Ltd.	Knight St.
03 CITY	04 STATE 05 ZIP CODE
Warwick	RI 02886

Superfund Records Center
SITE: Pontiac Enterprises
BREAK: 1.2
OTHER: 564960

DRAFT PA: completed by ☐ FIT (FI-.....-....)

☒ State

☐ EPA

☐ _____

REVIEWED ☒ Site Name

☒ Site ID No.

☒ Existing File

BY _____

DRAFT PRIORITY ASSESSMENT/RECOMMENDATION FOR SITE INSPECTION
☐ High ☐ Medium ☒ Low ☐ None

SUMMARY OF COMMENTS ON DRAFT

a. STATE comments, dated _____, by _____

Summary _____



SDMS DocID 564960

b. SITE OWNER comments, dated _____, by _____

Summary _____

c. EPA REGION 1 comments, dated 12/8/86, by R. Leberman

State info indicates concern of potential contamination
Summary and impact. Priority for SE should be Med.

d. _____ comments, dated 1.7, by _____

Summary _____

FINAL PA DECISION BY EPA PA COORDINATOR:

a. ☒ agree with draft.

b. ☐ Revised draft. Reason _____

c. Final Priority Assessment/Recommendation for Site Inspection

☐ High ☐ Medium ☒ Low ☐ None

d. Final decision made by Quell R. Smith Date 12-3-86

CERCLIS INFORMATION:

a. Site Discovery Date 10-2-86 (If not already in CERCLIS)

b. PA Start Date 10-2-86; Compl. Date 12-3-86 & FY 87 Quarter ① 2 3 4

c. Entry Date _____; Entered By _____

PRELIMINARY ASSESSMENT OF
PONTIAC ENTERPRISES LIMITED
WARWICK, RHODE ISLAND

INTRODUCTION

A Preliminary Assessment (PA) of the Pontiac Enterprises, Ltd. site in Warwick, Rhode Island, CERCLIS No. RID069857514, was performed by the Rhode Island Department of Environmental Management (RIDEM) under the Multi Site Cooperative Agreement (MSCA).

SITE HISTORY

The Pontiac Enterprises, Ltd. site is located at 334 Knight Street, adjacent to the Pawtuxet River in Warwick, Rhode Island (Figure 1). From 1974 to 1977 a sanitary landfill operation was conducted at this site. At the time of operation the land was owned by Henry W. Migliaccio of Pontiac Enterprises Limited. Mr. Migliaccio claimed that he needed to fill the area in order to develop a parking lot for the businesses housed in the industrial complex adjacent to the site. Mr. Migliaccio had an agreement with Jack and Danny Capuano to operate the site and bring in material to fill the site (1). The Capuano brothers owned a landfill operation of a much greater magnitude, approximately one mile from the site (2).

During the years the landfill was in operation, it was inspected monthly by the Rhode Island Department of Health, Division of Solid Waste Management. The operation was in constant violation of Rhode Island Solid Waste Rules and Regulations during its existence. None of these violations, however, were of serious nature, and none pertained to disposal of hazardous waste (1).

The site, which is approximately 20 acres, consists of three lots of land. Two are owned by Tidal Land Development, Inc. of Warwick, Rhode Island and one is still owned by Pontiac Enterprises, Ltd. The two lots of land owned by Tidal Land Development have changed hands several times since the landfill operation ceased (3).

Presently, most of the site is overgrown with vegetation. However, a dirt road leads to the rear of the site where an area, approximately 100 feet in length, is not properly covered. Both solid and liquid wastes have been dumped in this area recently. Also, located between the rear face and the Pawtuxet River is a lagoon, approximately 150 feet by 300 feet (Figure 2). It was not evident from the initial survey whether the lagoon was constructed for the disposal of liquid wastes, or if it was an area that was dug for its use as a soil cover that eventually filled with water. The rear of the dump is secluded and access is unrestricted, thereby making this area convenient for illegal dumping activities (2).



EAST GREENWICH QUADRANGLE
RHODE ISLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)

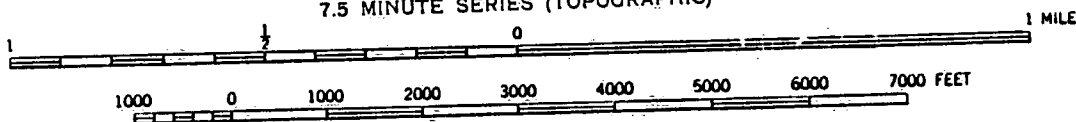


FIGURE 1 - LOCUS PLAN
PONTIAC ENTERPRISES, LTD. SITE
WARWICK, RI

ENVIRONMENTAL SETTING

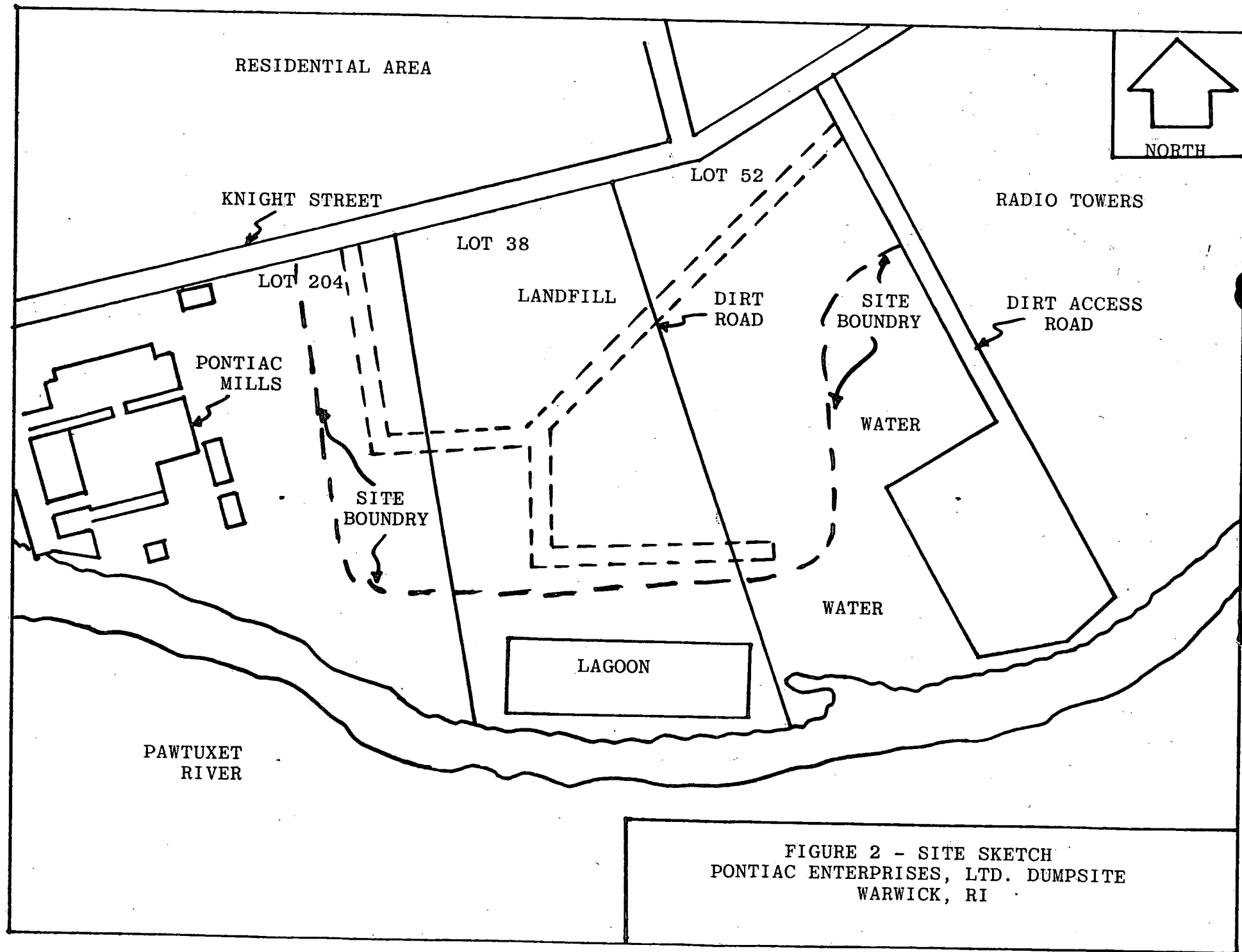
The site is located on Knight Street in Warwick, approximately one quarter mile east of Route 5. A residential area is located within 50 feet to the north. Immediately to the west is a large mill complex, and to the east is undeveloped land. The Pawtuxet River borders the site to the south (Figure 2).

The overburden in the vicinity of the site is composed of two layers. The top layer is an alluvium deposit, approximately 20-25 feet deep, composed of sand and silt mixed with dark organic material (4). Underlying the alluvium is a glacial outwash deposit, 50-100 feet deep (5, 6). The outwash consists of unconsolidated stratified deposits of sand and gravel interbedded with lenses of fine sand, silt and clay. This outwash has a high permeability (6, 7). The underlying bedrock is a Rhode Island formation of Pennsylvanian bedrock. Well logs from the area end above bedrock, therefore, depth to bedrock is unknown (7). Drinking water within a one mile radius of the site is supplied by the Warwick Water Department, Cranston Public Works System, Kent County Water Authority, and Providence Water Supply Board (8). Most of the homes in the area are connected to a municipal water system. Data is not readily available to determine the exact number of homes relying on private wells (8).

The Pawtuxet River is the only substantial body of surface water in a mile radius of the site (9). The river flows adjacent to the site in a east-northeastward direction and then empties into Narragansett Bay, approximately 6 miles away (5, 9).

CONCLUSIONS

The Pontiac Enterprises landfill operation was supposedly conducted for the purpose of constructing a parking lot (1). To date, this lot does not exist (2). Although there is no immediate evidence that hazardous waste was disposed of at this site in the past, there are still several reasons for concern. First, the Capuano Brothers ran this landfill operation and were known to have accepted hazardous waste at their own facility (1 mile away). Also of concern is the unrestricted access to the site, the evidence of liquid waste being dumped recently (approximately 10-15 gallons), and the lagoon at the rear of the site. Although no existing documentation indicates a release of contaminants and most homes in the area are on municipal water, Rhode Island Department of Environmental Management recommends that low priority be given for a Site Inspection. This rating was chosen because of the high potential for interaction between possible site hazards and receptors, due to the easy access to the site and the close proximity to a major water-way, the Pawtuxet River.



REFERENCES

1. Rhode Island Department of Enviromental Management, Pontiac Enterprises, Ltd. file.
2. Field notes, Warren Angell (Rhode Island Department of Environmental Management), 10/2/86.
3. Warwick Tax Assessors Records, Warwick Town Hall, 10/2/86.
4. Surficial Geology of the East Greenwich Quadrangle, Rhode Island, U.S. Geological Survey, 1953.
5. Water Resources of the Providence Area Rhode Island, by H. N. Halberg, C.E. Knox, Geological Survey Water Supply Paper 1499-A, 1961.
6. Ground-Water Resources of the East Greenwich Quadrangle, by W. B. Allen, Rhode Island Development Council Geological Bulletin No. 8, 1956.
7. Ground-Water Resources of Rhode Island, by W. B. Allen, Rhode Island Development Council Geological Bulletin No. 6, 1953.
8. Telecon: Between Warren Angell (Rhode Island Department of Environmental Management), and Charles Dale (Warwick Water Department), 10/2/86.
9. U.S. Geological Survey, East Greenwich, R.I. (7.5 minute topographic) Quadrangle Map, 1957, Photorevised 1970.

RefPonti/and#2



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
RI RID069857514

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Pontiac Enterprises Ltd.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Knight Street			
03 CITY Warwick	04 STATE RI	05 ZIP CODE 02886	06 COUNTY Kent	07 COUNTY CODE 03	08 CONG DIST 01
09 COORDINATES LATITUDE 4 1° 43' 15.0"		LONGITUDE 07 1° 28' 00.0"			
10 DIRECTIONS TO SITE (Starting from nearest public road) Route 95 to Route 5 (Greenwich Avenue) North. Right onto Knight Street. Site is approximately 3/10 of a mile on right.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Tidal Land Development, Inc. / Pontiac Enterprises, Ltd.		02 STREET (Business, meeting, residential) 25 Greystone Street / 334 Knight Street			
03 CITY Warwick	04 STATE RI	05 ZIP CODE 02904 / 02886	06 TELEPHONE NUMBER (401) 737-2700		
07 OPERATOR (If known and different from owner)		08 STREET (Business, meeting, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 10 / 2 / 86 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR 1974 ENDING YEAR 1977 <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Unknown

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION High potential for interaction between possible site hazards (lagoon, present illegal dumping activities, and unknown past disposal practices) and receptors, due to easy access to the site and the close proximity to the Pawtuxet River.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☒ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Warren S. Angell		02 OF (Agency, Organization) RI DEM/Air & Hazardous Materials		03 TELEPHONE NUMBER 401 277-2797	
04 PERSON RESPONSIBLE FOR ASSESSMENT Warren S. Angell		05 AGENCY RI DEM	06 ORGANIZATION Div. Air & Haz	07 TELEPHONE NUMBER (401) 277-2797	08 DATE 11 / 26 / 86 MONTH DAY YEAR



EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE RI 02 SITE NUMBER
RID 069857514

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION

Site is located on glacial outwash material which has a high permeability. Contaminants can travel through this type of material easily.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION

The Pawtuxet River flows adjacent to the site and is located downgradient.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

Site access is unrestricted and a face of the dump is exposed. If any hazards exist, the potential for direct contact is high.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 20 04 NARRATIVE DESCRIPTION
(Acres)

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Site is located on glacial outwash which is often the source of drinking water due to its high yield. If contaminants enter this aquifer, any wells tied into its downgradient may become polluted.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
RI RID069857514

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 10/2/86)

☐ POTENTIAL

☐ ALLEGED

Both solid and liquid wastes have been dumped in a secluded area towards the rear of the dumpsite.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Lagoon at rear of site may have been constructed for a liquid waste disposal area.

III. TOTAL POPULATION POTENTIALLY AFFECTED: unknown

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Ground-Water resources of the East Greenwich Quadrangle, USGS, GB No. 8, 1956
RI - DEM Perimeter Survey October 2, 1986
U.S. Geological Survey, East Greenwich, RI (7.5 minute topographic) Quadrangle
Map, 1957, Photorevised 1970.